

# jWIN

**AM / FM / Weather Band Radio**



**JX-M122**

## **INSTRUCTION MANUAL**

Please read this manual carefully before operating and save it for future reference.

**Have a question? Please visit [www.jWIN.com](http://www.jWIN.com)**



## INTRODUCTION

Thank you for choosing the JX-M122 AM/FM/WB 3 band radio. Before operating the unit, please read these instructions thoroughly and retain them for future reference.

The JX-M122 is designed to receive National Weather Service (NWS) broadcasts, by the Department of Commerce's National Oceanic and Aerospace Administration (NOAA) which provides information about weather conditions, forecasts and hazard information 24 hours a day as a public service. JX-M122 will call attention to emergency warnings or watches issued by NOAA with its built-in siren.

JX-M122 receives all of the seven NOAA channels. (**Note:** The correct weather channel must be selected in order to receive warnings for the state/county in which you are located). The unit will sound an audible alert tone when an alert tone is received and alert function is turned on.

For up-to-date information on NOAA and weather frequencies used in your area, check the NOAA National Weather Service website at: [www.nws.noaa.gov/nwr](http://www.nws.noaa.gov/nwr).

### AM / FM / Weather Band Radio

- Supports NOAA emergency alert system
- Programmable presets for 20 radio stations (10 AM / 10 FM)
- Digital clock display
- Built-in speaker

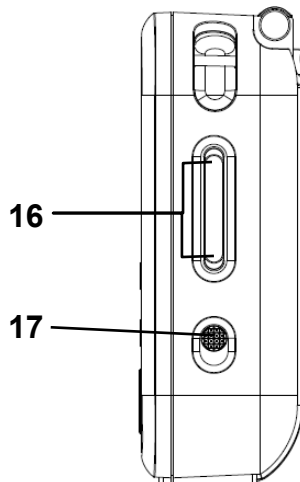
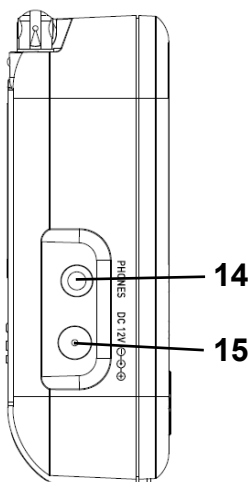
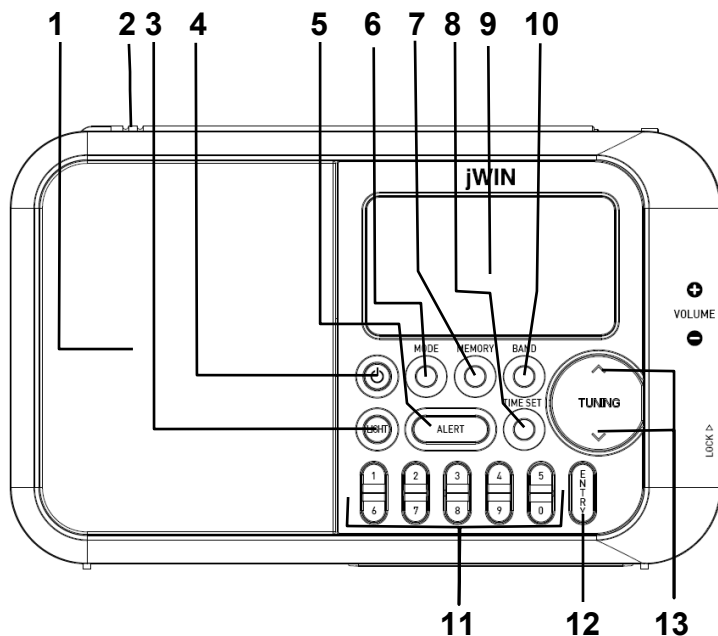
### What's Included

- Portable AM/FM/WB Radio
- Instruction Manual
- Warranty Card



## GETTING STARTED

### Location of Controls on the Main Unit

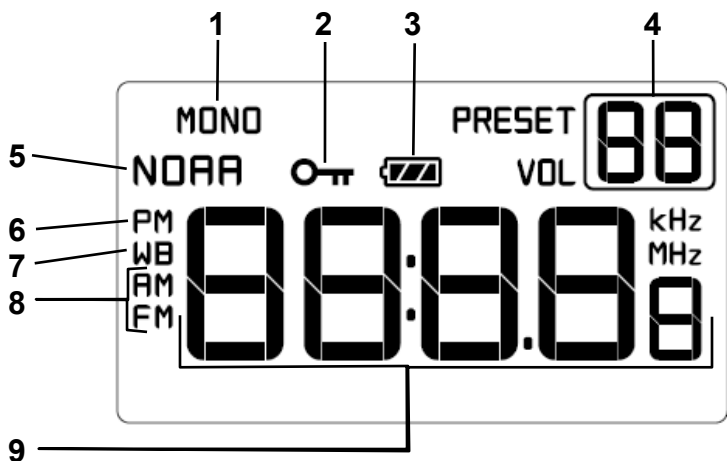


## GETTING STARTED

### Location of Controls on the main unit-continued

- |                                  |                           |                         |
|----------------------------------|---------------------------|-------------------------|
| 1. Speaker                       | 2. Antenna                | 3. <b>LIGHT</b> button  |
| 4. <b>POWER</b> button           | 5. <b>ALERT</b> button    | 6. <b>MODE</b> button   |
| 7. <b>MEMORY</b> button          | 8. <b>TIME/SET</b> button | 9. LCD screen           |
| 10. <b>BAND</b> button           | 11. <b>0 – 9</b> buttons  | 12. <b>ENTRY</b> button |
| 13. <b>TUNING UP/DOWN</b> button | 14. Earphone jack         | 15. Power jack          |
| 16. <b>VOLUME +/-</b> buttons    | 17. <b>LOCK</b> switch    |                         |


### Location of Indications on the LCD Screen



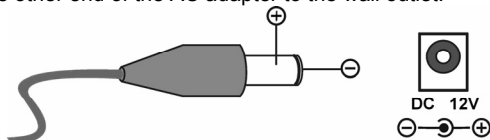
1. **MONO** indication
2. **LOCK** indication
3. **Low Battery** indication
4. **PRESET / VOL** indication
5. **NOAA** indication
6. **PM** indication
7. **Weather Band** indication
8. **AM / FM** indication
9. **TIME / FREQUENCY** display

## GETTING STARTED

### Using an AC Adapter to Supply the Power to the Unit

Before connecting the AC adapter (included), make sure that the input voltage of the AC adapter corresponds to your local AC outlet voltage. It is recommended to use an AC adapter, which outputs DC 12V / , for this unit.

1. Connect the AC adapter (included) plug to the DC Jack of the unit.
2. Connect the other end of the AC adapter to the wall outlet.



**Important Note:** To avoid the electric shock or fire, do not use the AC adapter where lots of water particles exist in the air. Use the AC adapter with caution.

### Installing batteries for portable use

This unit operates on 3 "AA" batteries (not included) for portable use.

1. Open the Battery Compartment.
2. Insert 3 "AA" size batteries into the Battery Compartment, making sure that the batteries are installed in the designed numerical order and that the proper polarity (+and-) are maintained.

**Important Note:** Please protect the environment. Dispose of old batteries properly according to local regulations.

#### Notes on battery use:

- Load new batteries with their polarities (+and-) aligned correctly.
- Do not apply heat to batteries, or internal short circuit may occur.
- If this unit is not to be used for a long period of time, remove all batteries and store them in a cool and dry place.
- Remove spent batteries immediately and dispose of them.
- Do not use old and new batteries together. Also never use an alkaline battery with a magnesium battery.

## OPERATIONAL INSTRUCTIONS

### Radio Operation

1. Set Lock Switch to **OFF** position.
2. To turn on the radio by press the **POWER** button.
3. Adjust the desired volume level by press the **VOLUME +/-** button, the volume level will show on the right corner of display.
4. Select the preferred band (FM/AM/WB) by press the **BAND** button.
5. Press the **LIGHT** button to turn the backlight on for a few seconds. Press the **LIGHT** button again after the backlight blacks out, the backlight will light all the times; Press the light button again, the backlight will black out; Press the **LIGHT** button again, the backlight will light for a few seconds.
6. Tune manually, automatically, direct key-in or by means of the preset button 0...9 buttons to a radio station. The LCD will display the frequency of the received station.
7. Adjust the antenna to get optimal effect.
8. To turn off the radio by press the **POWER** button again.

### Tuning the Radio

#### *Manual Tuning*

Frequency will be tuned up or down by one step each time when either the Tuning **UP "∧"** or Tuning **DOWN "∨"** button is pressed.

In order to tune the stations press Tuning **UP "∧"** or Tuning **DOWN "∨"** shortly until right frequency has been reached.

#### *Automatic Tuning*

Press Tuning **UP "∧"** or Tuning **DOWN "∨"** and hold for more than 2 seconds.

Then the automatic tuning function of the unit will start seek-up or seek-down to the next nearest station with sufficient signal strength.

#### *Direct Key-In Tuning*

Select the waveband range. Press **ENTRY**, then press directly the digit value of the frequency of the selected station, e.g. if you want to tune 90.3 MHz of the FM range, first select FM, then press **ENTRY** and key in "9", "0" & "3" in sequence. And press **ENTRY** again then you can receive the station that you want.

## OPERATIONAL INSTRUCTIONS

### Tuning the Radio-continued

#### Preset Tuning

You can store the frequency of 20 radio stations in the memory, 10 for each of the AM and FM waveband range by following the steps as:

1. Press the **BAND** button to select AM/FM waveband and tune to the desired station.
2. To store the radio frequency shown, press **MEMORY** button, "PRESET" indicator flashes for 4 seconds. During this period, press either 0...9 buttons to select the preset number where the tuned station will be stored. Press **MEMORY** again then the "PRESET" indicator will appear again and the preset number is indicated on the LCD that the tuned station is stored in this number.

**Note:** Memory preset number 10 is entered by pressing Button 0.

**In order to tune the preset radio station, follow the steps as:**

1. Select the desired waveband range.
2. Then press Preset 0...9 to select the preset number for the stored station, then the radio will be tuned automatically to the stored station and LCD will display the frequency.

### Weather Band Operation

1. Press the **POWER** button to turn on the unit.
2. Press the **BAND** button to select weather band, the "WB" icon will display on LCD.
3. Press the **TUNING UP** or **TUNING DOWN** button to select the channels. For best reception, please select a clearest channel for listening.
4. You can directly press the **1-7** buttons for channel selection.

### Weather Alert Operation

1. In both power off and weather band receiving modes, you can press the **ALERT** button to activate the alert function, the "NOAA" icon will display on LCD. When NOAA sends out an emergency warning, unit will sound a loud signal.
2. When you hear the loud siren sound, press the **POWER** button in power off mode, or press the **ALERT** button in weather band receiving mode to hear further information about the emergency.
3. To disable the alert function, press the **ALERT** button again until the "NOAA" icon disappears on LCD.

**Note:** In power off state, if you activated the alert function, the battery current consumption will be increased significantly. To save battery life, please connect AC adaptor for power supply.

### Antennas

#### FM/Weather Band

Pull out the Telescopic Antenna and adjust its length and angle for optimum reception.

#### AM

This unit has a built-in AM antenna. For better AM reception, turn the unit for a clearer signal.



## OPERATIONAL INSTRUCTIONS

### IMPORTANT!

The fact that you can get clear voice reception does not guarantee that an emergency alert will trigger this unit's alert tone. To test actual reception, your unit must receive the weekly Test or Emergency Alert Signal Broadcast. Follow the instructions in the previous sections and set the radio to ALERT to receive Test Alert Broadcasts from the NWS station.

The National Weather Service (NWS) broadcasts a Test Alert every week on Wednesday between 11:00am and 12:00 noon. To find out the specific test schedule in your area, contact your local National Oceanic and Atmospheric Administration (NOAA) or National Weather Service (NWS) office. These offices are listed in the telephone book under "US Government".

When you are traveling with your radio and want to use it in a new location, make sure you have the correct Weather Channel (1-7). Verify that the unit can be activated by the test broadcast in the new location.

**REMEMBER-FOR YOUR SYSTEM TO BE EFFECTIVE, THE RADIO MUST BE PLACED IN A LOCATION THAT CAN RECEIVE AN EMERGENCY ALERT SIGNAL AND WHERE THE ALERT TONE CAN BE HEARD.**

### Clock Function

1. To set the time, press the **TIME SET** button. Then the indicated time will flash, and then press **UP "▲"** button to adjust to the correct HOUR.
2. After correct HOUR is set, then press the **DOWN "▼"** button to adjust to the correct MINUTE.
3. After time setting is complete, press the **TIME SET** button again, then the clock will start to run in normal mode.

### Cleaning the Unit

1. To prevent fire or shock hazard, disconnect your unit from the AC power source when cleaning.
2. The finish on the unit may be cleaned with a dust cloth and cared for as other furniture. Use caution when cleaning and wiping the plastic parts.
3. If the cabinets become dusty, wipe them with a soft dry dust cloth. Do not use any wax or polish sprays on the cabinets.
4. If the front panel becomes dirty or smudged with fingerprints, it may be cleaned with a soft cloth slightly dampened with a mild soap and water solution. Never use abrasive cloths or polishes as these will damage the finish of your unit.

**Caution:** Never allow any water or other liquids to spill into the unit while cleaning.

## TROUBLESHOOTING GUIDE AND SPECIFICATIONS

If you experience difficulties in the use of this unit, please check the following before calling for Customer Service.

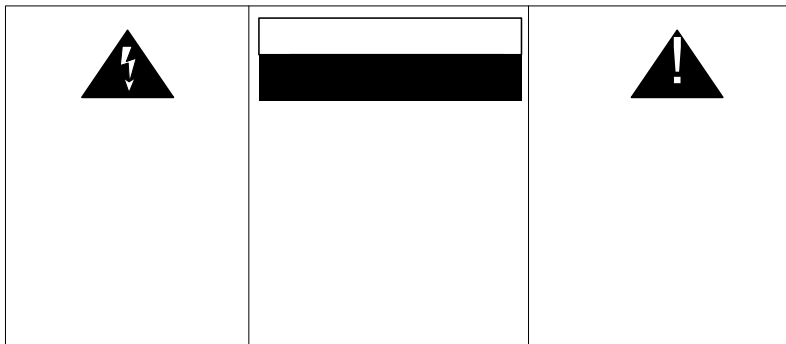
- Noise or distorted sound when playing the radio.
  - Radio station may not be properly tuned. Tune to desired radio frequency again.
  - The radio signal is weak. Reposition the unit for better reception.
- No radio sound
  - Radio may not be turned on, turn the unit ON.
  - Batteries may not be installed. Install three (3) fresh “AA” batteries in the battery compartment.
  - The unit may not be connected to power source. Connect the AC power adaptor to both the unit and the wall outlet.

### Specifications

- Frequency Range
  - AM: 520kHz – 1710kHz
  - FM: 87.5MHz – 108MHz
  - Weather band:
    - CH1: 162.400MHz
    - CH2: 162.425MHz
    - CH3: 162.450MHz
    - CH4: 162.475MHz
    - CH5: 162.500MHz
    - CH6: 162.525MHz
    - CH7: 162.550MHz
- Connectivity
  - 3.5mm stereo headphone jack
  - AC adapter jack
- Power Requirement
  - AC Adapter: DC 12V, 250mA, center negative (AC adapter included)
  - Battery: 4.5V (3 x “AA” batteries, not included)
- Unit Dimensions (W x H x D): Approx. 5.8” x 3.6” x 1.3” (148mm x 92mm x 32mm)
- Unit Weight: Approx. 0.49 lbs (0.22 kg)

**USER SAFETY GUIDE****WARNING**

- TO PREVENT FIRE OR SHOCK HAZARD. DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.
- THIS APPLIANCE SHALL NOT BE EXPOSED TO DRIPPING OR SPLASHING WATER AND THAT NO OBJECT FILLED WITH LIQUIDS SUCH AS VASES SHALL BE PLACED ON APPARATUS.

**IMPORTANT SAFETY INSTRUCTIONS**

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not touch the power cord or plug. Insert in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not treat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachments/accessories specified by the manufacturer.

**CAUTION**

**WARNING: TO  
THE RISK OF E  
SHOCK, DO NO  
COVER (OR BA  
USER SERVIC  
INSIDE. REFER  
TO QUALIFIED  
PERSONNEL.**

**The lightning flash with  
arrowhead symbol, within an  
equilateral triangle, is  
intended to alert the user to  
the presence of uninsulated  
dangerous voltage within  
the product's enclosure that  
may be of sufficient  
magnitude to constitute a  
risk of electric shock to  
people.**

**USER SAFETY GUIDE****IMPORTANT SAFETY INSTRUCTIONS-Continued**

- 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 13) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 15) Grounding or Polarization – This product may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.
- Alternate Warnings – This product is equipped with a three-wire grounding-type plug, a plug having a third (grounding) pin. This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding-type plug.
- 16) Ventilation – Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.
- 17) The MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.



**USER SAFETY GUIDE****IMPORTANT SAFETY INSTRUCTIONS-Continued****CLEANING**

Always disconnect unit from power supply before attempting to clean it. Use soft cloth moistened with soapy water, and wipe gently. Do not use solvents or abrasive materials.

**LASER SAFETY**

This unit utilizes laser technology. Only a qualified professional should remove the cover or attempt to service this device, due to possible eye injury.

**CAUTION – CLASS 1 LASER PRODUCT**

Use of controls adjustments and/or performance of procedure other than specified herein may result in hazardous radiation exposure.

**DANGER**

Invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam. **CAUTION: HAZAROUS LASER RADIATION WHEN OPEN AND INTERLOCK DEFEATED.**

**YOU CAN HELP TO PROTECT THE ENVIRONMENT!**

Please remember to respect the local regulations: Hand in the non-working electrical equipment to an appropriate waste disposal center.

**FOR USED BATTERIES**

Disposed of the used batteries properly. Please follow the local regulations for the battery disposal.

**FCC NOTICE TO A USER IN USA**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

## USER SAFETY GUIDE

### IMPORTANT SAFETY INSTRUCTIONS-Continued

#### FCC RULES

This device complies with Part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

**Note: Do not make changes or modify the device in any way. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.**

#### IMPORTANT NOTES ON HEARING

Your hearing is very important to you and to us, so please take care when operating this equipment. We strongly recommend you to follow the guideline below in order to prevent possible damage or loss of hearing.

If you continuously listen to the loud sounds, your hearing will adapt to continuous loud sounds and will give you the impression that the volume has been reduced. What seems normal to you may in fact be harmful. To guard against this **BEFORE YOUR HEARING ADAPTS**, set the volume at a low level and slowly increase the volume level until you can hear comfortably and clearly without distortion. Damage to your hearing is accumulative and is irreversible. Any ringing or discomfort in the ears indicates that the volume is too loud. Once you have established a comfortable listening level, **DO NOT INCREASE THE VOLUME LEVEL FURTHER.**

In the use of headphones, please take more attention. Hearing experts say that listening to a loud music can damage your hearing, especially when listening to music with headphones.

#### IC NOTICE TO A USER IN CANADA

Since digital circuitry may cause interference to other radio or television tuners nearby, switch this unit off when not in use or move it away from the affected radio/television tuner.

**NOTE:** This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the Radio Interference Regulations of Industry Canada. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television operation (which can be determined by turning the equipment off), the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio / TV technician for help.

**USER SAFETY GUIDE****IMPORTANT SAFETY INSTRUCTIONS-Continued****WARNING!**

- The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on apparatus.
- Mains plug is used as the disconnect device. It shall remain readily operable and should not be obstructed during intended use. To be completely disconnected, the apparatus from supply mains, the mains plug of the apparatus shall be disconnected from the mains socket outlet completely.

**ADDITIONAL IMPORTANT INSTRUCTIONS**

- Place the apparatus with some distances from the nearby objects or walls for sufficient ventilations. The ventilation should not be impeded by covering the ventilation openings with items such as newspapers, table-cloths, curtains, etc.
- No naked flame sources such as lighted candles should be placed on the apparatus.
- Dispose of used batteries properly. Follow the local regulation for the battery disposal.
- Use this apparatus in the moderate climates. It is recommended not to use this apparatus such in a lightning storm.



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**Website: [www.jwin.com](http://www.jwin.com)**

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